Time Stamp	2006/10/13 14:20	2006/10/13 14:27	2006/10/13 15:17	2006/10/13 15:18	2006/10/13 15:23	2006/10/13 15:20	2006/10/13 15:21	2006/10/13 15:28
Plurals Ti	ON 20	00 2	OFF 20	OFF 20	OFF 20	OFF 20	OFF 20	0N 2C
Default F Operator	OR	S.	OR C	o O	OR (OR O	OR C	OR .
DBs	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	USPAT	USPAT	US-PGPUB	US-PGPUB; USPAT	USPAT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
Search Query	((spherical near2 lens) with (glass near2 advantag\$6))	((spherical near2 lens) with (glass)) and ((aspherical near2 lens) with plastic)	("5267075").PN.	blasingame.in.	blasingame.in.	(("5778124") or ("5351330") or ("6925234") or ("5533159") or ("6454470") or ("5381495") or ("20030210874")).PN.	("2003/0210874").URPN.	(((((optic\$3 near2 (fiber or fibre)) or fiber-optic\$3 or fibre-optic\$3 or fiberoptic\$3 or fibreoptic\$3) near2 (coupl\$3)) with (lens or micro-lens or microlens or lenslet or collimat\$3 or focus\$3)) same (laser or laserdiode or ld or source))
Hits	9	126	-	38	11	7	0	5666
Ref #	고	2	១	4	L5	· 9]	77	81

67	260	8 and ((ball or spherical or sphere or spherically) with (lens or lenslet or	US-PGPUB;	æ	NO O	2006/10/13 15:30
		micro-lens or microlens or collimat\$3 or focus\$3))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L10	157	9 and ((aspheric\$5) with (lens or lenslet or micro-lens or microlens or collimat\$3 or focus\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	.	NO	2006/10/13 15:38
11	2953	((laser or laserdiode or Id or (laser adj diode)) with (coupl\$3 near2 (fiber or fibre or fiber-optic\$3 or fibre-optic\$3 or fibre-optic\$3))) same (lens or micro-lens or microlens or lenslet or collimat\$3 or focus\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	g	N O	2006/10/13 15:39
112	458	(((laser or laserdiode or ld or (laser adj diode)) with (coupl\$3 near2 (fiber or fibre or fiber-optic\$3 or fibre-optic\$3 or fibre or fibreoptic\$3))) same (lens or micro-lens or microlens or lenslet or collimat\$3 or focus\$3)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	R	NO	2006/10/13 15:39
L13	. o	("20020114082" "20030039276" "20030058904" "20040051956" "4915484" "5125052" "5181224" "5553174" "6075650").PN. OR ("6768593").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/13 15:41

Plurals Time Stamp	OFF 2006/10/12 18:14	ON 2006/10/12 18:16	ON 2006/10/12 18:16	OFF 2006/10/12 18:29	OFF 2006/10/12 18:30	OFF 2006/10/12 18:31
Default Operator	SO.	, a	S.	S.	S,	S S
DBs	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	USPAT; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	USPAT; USPAT; USOCK; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR
ts Search Query	((385/33) or (385/34) or (385/35)).CCLS.	S1 and (spherical or ball)	8 S2 and @ad<"20030702"	3 ("4616899" "4995687" "5274723" "5526455" "5692083" "5937122").PN. OR ("6536959").URPN.	5 ("5701373" "5745625").PN. OR ("6026206").URPN.	4 ("3628294" "3932184" "5011254" "5256851" "5377287").PN. OR ("5701373").URPN.
Hits	3120	1094	896	13	ις	14
Ref #		25	S	22	SS	98

	-									
	("4204743" "4707067" "4818053" "5181265" "5463707" "5600741" ("5940564")	"4265511" "4711521" "4824202" "5247595" "5504828" "5737133" "LRPN.	"4307934" "4740259" "4842391" "5257336" "5526455" "5778124"	"4451115" "4752109" "5073047" "5337398" "5537504" "5835514"	"4501637" "4687 "4753508" "47906 "5074682" "51757 "5347605" "54523 "5546212" "55662 "Re34790").PN. OR	"4687285" "4790618" "5175783" "5452389" "5566265" PN. OR	US-PGPUB; USPAT; USOCR	ő	OFF	2006/10/12 18:32
17		("4078852" "4456330" "5293438'	"5293438"	"5446816")	.PN. OR ("57	"5446816").PN. OR ("5774607").URPN.	US-PGPUB; USPAT; USOCR	S,	OFF	2006/10/13 09:57
31		("3864019" "4102559" "4143940" "4147402" "4191447" "4281891" "4327963" "4398790").PN. OR ("4456330").URPN	"4143940" "4398790").	"4147402" PN. OR ("44!	"4191447" 56330").URPI	" "4147402" "4191447" "4204743").PN. OR ("4456330").URPN.	US-PGPUB; USPAT; USOCR	OR.	OFF	2006/10/13 09:58
46	<u> </u>	"4456330" "4665529" "4678268' '4807954" "4854663" "4893890"	_	"4729621" "5185836").	"4737006" PN. OR ("529	"4729621" "4737006" "4755203" "5185836").PN. OR ("5293438").URPN.	US-PGPUB; USPAT; USOCR	S.	OFF	2006/10/13 09:59
12		<u>. </u>	"4510005" "5815624"	"4729621" "6072148"	"5293438" "6115521"	"4729621" "5293438" "5346583" "6072148" "6115521" "6453090").PN.	US-PGPUB; USPAT; USOCR	OR.	OFF	2006/10/13 10:00
47		"4074933" "4528260" "4689291" "4835078" "5073003" 5135590" "5216543" "5286338").PN. OR ("5346583").URPN	"4689291" "5286338").I	"4835078" PN. OR ("53	' "4835078" "5073003" "5079130").PN. OR ("5346583").URPN.	"5079130" N.	US-PGPUB; USPAT; USOCR	8	OFF	2006/10/13 10:00
14		("20020031301" "20020034363" "5140660" "5263103" "5293438" "6374012").PN. OR ("6633700").URI	034363" "4 "5293438" 3700").URPN	4186999" "4 "5346583" V.	"4186999" "4475788" "4998795" "5346583" "5555333" "5621831" PN.	4998795" "5621831"	US-PGPUB; USPAT; USOCR	S	OFF .	2006/10/13 10:02
	("5128808"	"5638472"	"5815328"	"6072519") -	.PN. OR ("63	("5128808" "5638472" "5815328" "6072519").PN. OR ("6374012").URPN.	US-PGPUB; USPAT; USOCR	S.	OFF	2006/10/13 10:02
Ŋ		("5293438" "5403308" "6215925").PN. OR ("6501878").URPN.	"6215925")	.PN. OR ("65	:01878").URP	V	US-PGPUB; USPAT; USOCR	S.	OFF	2006/10/13 10:05
11	("20030021531" "6031953" "621 ("7039275").URPN	20030021531" "4327963" "5313 "6031953" "6215925" "6332051 7039275").URPN.)63" "53116 "6332051"	511" "53664 "6445939"	1611" "5366456" "5496309" "5 [" "6445939" "6501878").PN. OR	"4327963" "5311611" "5366456" "5496309" "5498260" 15925" "6332051" "6445939" "6501878").PN. OR V.	US-PGPUB; USPAT; USOCR	OR .	OFF	2006/10/13 10:05

S17	24	("3410979" "3718383" "3864019").PN. OR ("4147402").URPN.	US-PGPUB; USPAT; USOCR	SO.	OFF	2006/10/13 10:08
S18	39	("3649098" "4147402" "4257674" "4290667" "4325607" "4421383").PN. OR ("4531810").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF.	2006/10/13 10:09
S19	31	("4290667" "4326771" "4383731" "4421383" "4531810").PN. OR ("4616899").URPN.	US-PGPUB; USPAT; USOCR	OR		2006/10/13 10:11
S20	6	("20010015405" "4616899" "4695719" "4699453" "5163117" "6309566" "6364542").PN. OR ("6488417").URPN.	US-PGPUB; USPAT; USOCR	SO.	OFF	2006/10/13 10:12
521	26	("20020001428" "20020150354" "20030007753" "20040033016" "3871935" "4666238" "4732599" "4971422" "5168537" "5257334" "5369529" "5708743" "5764832" "6012852" "6128134" "6188495" "6254285" "6318902" "6374004" "6477303" "6488417" "6491447" "6556747" "6846113" "6869229" "6901185").PN. OR ("7118293").URPN.	US-PGPUB; USPAT; USOCR	OR		2006/10/13 10:12
S22	. 16	("3967877" "4163953").PN. OR ("5195150").URPN.	US-PGPUB; USPAT; USOCR	S S	OFF	2006/10/13 10:16
S23	7	("20020196998" "20030228109" "4753521" "4900120" "5195150" "6571036" "6952744").PN. OR ("7085449").URPN.	US-PGPUB; USPAT; USOCR	S S	OFF	2006/10/13 10:17
S24	13	("3950075" "4186995" "4632505" "4824202" "4889399" "4889406" "4911523" "4919506").PN. OR ("4989943").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/13 10:18
S25	59	("4078852" "4111522" "4190316" "4307934" "4380365" "4475788" "4639077" "4650285" "4687285" "4705351" "4726645" "4726648" "4781431" "4807958" "4830453" "4841344" "4842391" "4846544").PN. OR ("4919506").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/13 11:21
S26	-	("6332051").PN.	USPAT	OR	OFF	2006/10/13 11:38
S27	1	S26 and (image near2 guide)	USPAT	OR	OFF	2006/10/13 11:29
828	1	S26 and (image near2 guide)	USPAT	OR	NO	2006/10/13 11:29

000	7	("6030045" "6181451" "6180815" "6180817"\ DN OB ("63333051") IBBN	I IC DCDI IB.	90	200	2006/10/13 11:38
575	0	(003007 0100010 0100010 0100010 0535031).	uspat; usocr	5	5	00.11 61/01/0007
230	22	jun.in. and ai.in.	US-PGPUB; USPAT; USOCR	SO .	OFF	2006/10/13 11:40
S31	173	(aspherical with spherical) same ((optic\$3 near2 (fiber or fibre)) or fiberoptic\$3 or fiber-optic\$3 or fibre-optic\$3)	US-PGPUB; USPAT; USOCR	S S	OFF	2006/10/13 11:55
S32	211	(aspherical with spherical) same ((optic\$3 near2 (fiber or fibre)) or fiberoptic\$3 or fibre-optic\$3 or fibre-optic\$3)	US-PGPUB; USPAT; USOCR	S S	NO	2006/10/13 11:41
233	22	(aspherical with spherical) same ((optic\$3 near2 (fiber or fibre)) or fiberoptic\$3 or fibre-optic\$3)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	- FF	2006/10/13 13:06
234	23	(aspherical with spherical) same ((optic\$3 near2 (fiber or fibre)) or fiberoptic\$3 or fibre-optic\$3)	FPRS; EPO; JPO; DERWENT; IBM_TDB	S S	NO .	2006/10/13 11:41
S35	0	("2006/0056762").URPN.	USPAT	S S	OFF	2006/10/13 11:44
236	23	("4302070" "4790617" "5011247").PN. OR ("5278929").URPN.	US-PGPUB; USPAT; USOCR	S S	OFF	2006/10/13 11:49
	36	("4302070" "5151961" "5195155" "5278929" "5315680" "5586208" "5612807" "5631987" "5845030" "5857050" "5914972" "5963694" "5993073" "6071016" "6155724" "6244754" "6310997" "6332719" "6366396" "6394665" "6409398" "6415078" "6490064" "6525872" "6540412" "6625002" "6697414" "6736550" "6748413" "6772794" "6799901" "6819700" "6840684" "6843609" "6893163" "6953290").PN.	US-PGPUB; USPAT; USOCR	OR .	OFF	2006/10/13 11:50
838	Ŋ	("20010024551" "20020131122" "6272272" "6799901").PN. OR ("6953290").URPN.	US-PGPUB; USPAT; USOCR	SO .	OFF	2006/10/13 11:50

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	2006/10/13 11:51	2006/10/13 11:54	2006/10/13 11:58	2006/10/13 11:58	2006/10/13 13:01	2006/10/13 13:06	2006/10/13 13:06
		OFF.	NO _.	NO	OFF	OFF	J-O-F
	S.	SR.	R	R	OR .	OR	OR
	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	USPAT; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR	FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR
	5 ("20010024551" "20020131122" "6272272" "6799901").PN. OR ("6953290").URPN.	22 ("20020041731" "20020102084" "5278929" "5546212" "5552918" "5555334" "5566265" "5721426" "5997185" "6188495" "6243508" "6252725" "6353491" "6453091" "6454467").PN. OR ("6694074").URPN.	((aspherical near2 (lens or microlens or micro-lens or lenslet)) with ((fiber or fibre or fibreoptic\$3 or fibreoptic\$3 or fibre-optic\$3) near2 (abut\$4 or touch\$3 or contact\$3 or press\$3)))	((aspherical near2 (lens or microlens or micro-lens or lenslet)) with (fiber or fibre or fibre-optic\$3 or fibre-optic\$3))	31 ("5112122" "5293269" "5442487").PN. OR ("5761354").URPN.	(aspherical with spherical)	(aspherical with spherical)
	ហ	22	(7)	331	31	1240	5267
	833	240	S41	845	S43	244	S45

USPAT; U	S46	3120	((385/33) or (385/34) or (385/35)).CCLS.	US-PGPUB;	OR	OFF	2006/10/13 13:11
1094 546 and (spherical or ball) 1095 64 and (spherical or ball) 1096 746 and (spherical or ball) 1097 75 12501373" "5745625"), PN. OR ("6026206"), URPN. 1098 75 12501373" "5745625"), PN. OR ("6026206"), URPN. 1098 75 12501373" "5745625"), PN. OR ("6026206"), URPN. 1098 75 12501373" "5745625" "5711254" "5256851" "5377287"), PN. OR US-PGPUB; OR OFF ("5701373"), URPN. 1098 75 12601373" "4995687" "5274723" "5526455" "5692083" "5937122"), PN. US-PGPUB; OR OFF ("4204743" "44995687" "4451115" "4451115" "4451115" "44687288" US-PGPUB; OR OFF ("4204743" "44995687" "4441115" "4451115" "4451115" "4451115" "4451115" "4451115" "4531398" "5937122"), PN. US-PGPUB; OR OFF ("5381265" "5247595" "5475109"				USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
14	247	1094		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	8	NO	2006/10/13 13:12
14 ("3628294" "3932184" "5011254" "5256851" "5377287"), PN. OR US-PGPUB; OR	248	S	("5701373" "5745625").PN. OR ("6026206").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/13 13:11
968 S47 and @ad<"20030702" USPGPUB; OR USPAT; USOCR; PRS; EPPO; JPO; DERWENT; IBM_TDB 13 ("4616899" "4995687" "5274723" "5526455" "5692083" "5937122"),PN. US-PGPUB; OR ("6536959"),URPN. 62 ("4204743" "4265511" "4307934" "4451115" "4501637" "46790618" USPAT; USOCR 4707067" "4711521" "4740259" "4753508" "4753508" "1979618" USPAT; USOCR "5481266" "5247595" "5257336" "5337398" "5347605" "4452389" "5500741" "5737133" "5778124" "Re34790").PN. OR ("5940564").URPN.	S49	14	("3628294" "3932184" "5011254" ("5701373").URPN.	US-PGPUB; USPAT; USOCR	SO.	OFF	2006/10/13 13:11
13 ("4616899" "4995687" "5274723" "5526455" "5692083" "5937122").PN. USPAT; OR ("6536959").URPN. 62 ("4204743" "4265511" "4740259" "4751115" "4501637" "4687285" US-PGPUB;	220	896	S47 and @ad<"20030702"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	S.	NO	2006/10/13 13:12
62 ("4204743" "4265511" "4307934" "4451115" "4501637" "4687285" US-PGPUB; OR OFF "4707067" "4711521" "4740259" "4752109" "4753508" "4790618" USPAT; "4818053" "4824202" "4842391" "5073047" "5074682" "5175783" USOCR "5181265" "5247595" "5257336" "5337398" "5347605" "5463707" "5504828" "5526455" "5537504" "5546212" "5566265" "55375133" "5778124" "5835514" "Re34790").PN. OR ("5940564").URPN.	S51	13	7" "5274723	US-PGPUB; USPAT; USOCR	S.	OFF	2006/10/13 13:11
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	2006/10/13 13:11	2006/10/13 13:13	2006/10/13 13:14	2006/10/13 13:15	2006/10/13 13:15	2006/10/13 13:16
	OFF 2	OFF 2	OFF 2	OFF 2	ON	ON
<u>-</u>	S.	OR .		S.	NO.	OR
	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	USPAT	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
	("20040247242").PN.	("2004/0247242").URPN.	("20010030789" "20020076148" "20030085054" "20030156607" "20030236019" "20040101258" "20040247242" "20041010258" "20050013547" "5741442" "6757308" "6888169").PN. OR ("7065106"). URPN.	"385"/\$.ccls. and (((optic\$3 near2 (fiber or fibre)) or fiber-optic\$3 or fibreoptic\$3 or fibreolens or microlens or collimat\$3 or focus\$3 or lenslet)) same (aspherical)	"385"/\$.ccls. and ((((optic\$3 near2 (fiber or fibre)) or fiber-optic\$3 or fibre-optic\$3 or fibreoptic\$3) with (lens or micro-lens or microlens or collimat\$3 or focus\$3 or lenslet)) same (aspherical))	"385"/\$.ccls. and ((((optic\$3 near2 (fiber or fibre)) or fiber-optic\$3 or fibre-optic\$3 or fibreoptic\$3) with (lens or micro-lens or microlens or collimat\$3 or focus\$3 or lenslet)) same (aspherical\$3))
	2	1		186	220	223
	S53	S54	S55	S56	257	S58

551 655		2000	-		0 2 0 2 0 2 0 2 0 0 0 0
	528 NOT 530	US-PGPUB; USPAT;	ž	5	2006/10/13 13:16
		USOCR; FPRS:			
		EPO; JPO;		•	
		IBM_TDB			
101	S59 not S32	US-PGPUB; USPAT;	OR	NO	2006/10/13 14:08
		USOCR; FPRS; EPO; JPO; DEDWENT:			
		IBM_TDB			·
2045	((plastic with lens) same advantag\$5) and (glass with lens)	US-PGPUB;	S.	N O	2006/10/13 14:09
		USPAT; USOCR; FPRS; EPO; JPO; DERWENT;			
		IBM_TDB	-		
1419	((plastic with lens) same advantag\$5) and ((glass with lens) same advantag\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	8	0	2006/10/13 14:09
28	S61 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR;	OR	NO	2006/10/13 14:10
		EPO; JPO; DERWENT; IBM TDB			

S64	307	(plastic with aspheric\$5) same (glass with spherical\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB		NO	2006/10/13 14:15
982	222	S64 and @ad<"20030702"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	S.	NO	2006/10/13 14:12
998	112	(plastic near2 aspheric\$5) same (glass near2 spherical\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	g.	N O	2006/10/13 14:16